FIG. 1

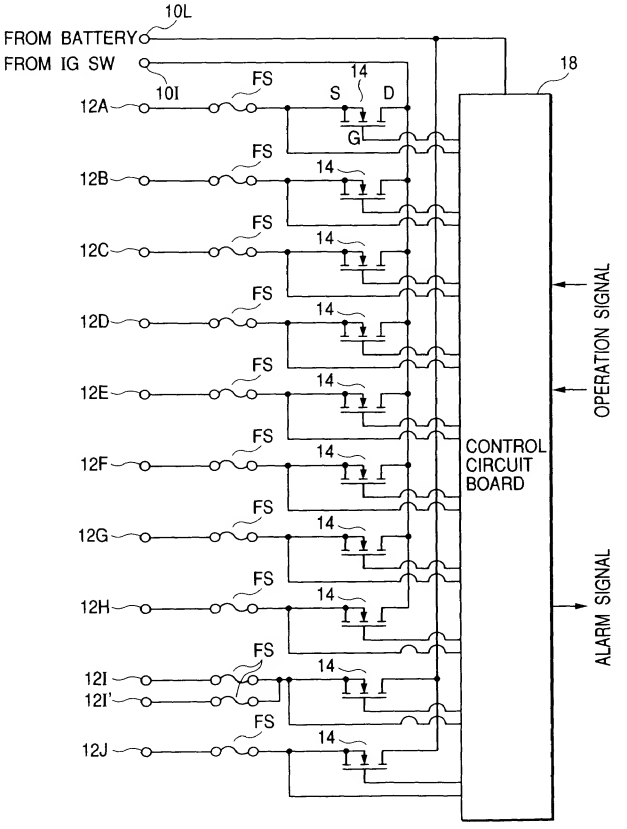

10L
FROM BATTERY
FROM IG SW
10I
FS
14
S
D
G
18
12A
12B
12C
12D
12E
12F
12G
12H
12I
12I'
12J
CONTROL CIRCUIT BOARD
OPERATION SIGNAL
ALARM SIGNAL

FIG. 2

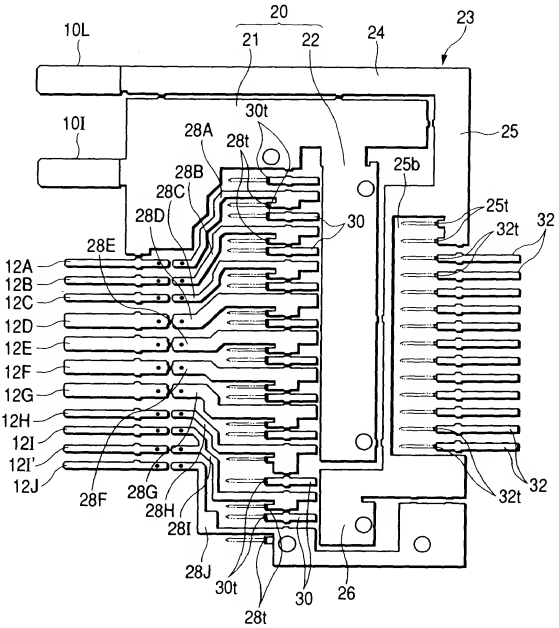
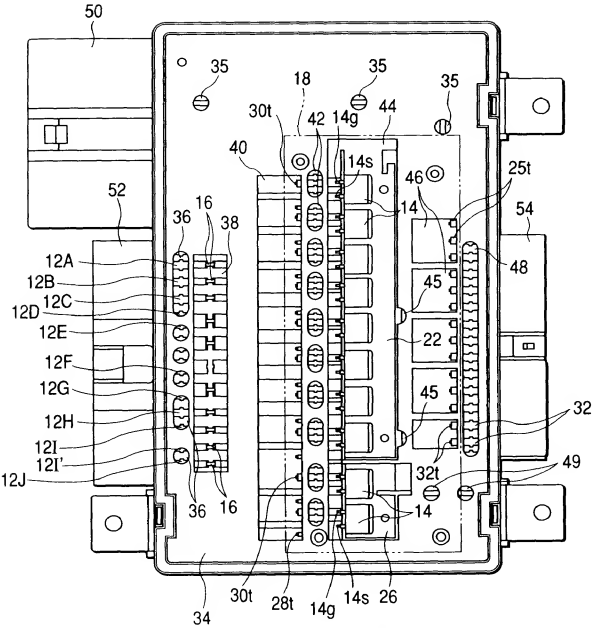
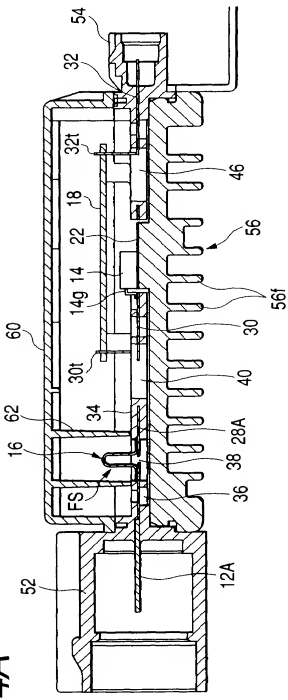

10L
10I
20
21
22
24
23
25
25b
25t
30t
28A
28t
28B
28C
28D
28E
30
32t
32
12A
12B
12C
12D
12E
12F
12G
12H
12I
12I'
12J
28F
28G
28H
28I
28J
30t
28t
30
26

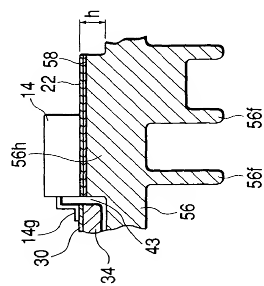
FIG. 3


50
35
18
35
35
30t
42
14g
44
40
14s
46
25t
52
16
14
54
36
38
48
12A
12B
12C
12D
12E
12F
12G
12H
12I
12I'
12J
45
22
45
32
49
32t
36
16
14
34
30t
28t
14g
14s
26



54
32
32t
46
18
22
56
14
14g
56f
60
30
30t
40
62
34
28A
16
38
FS
36
52
12A

FIG. 4A



h
58
22
14
56h
56f
56f
56
14g
30
43
34

FIG. 4B

FIG. 5A

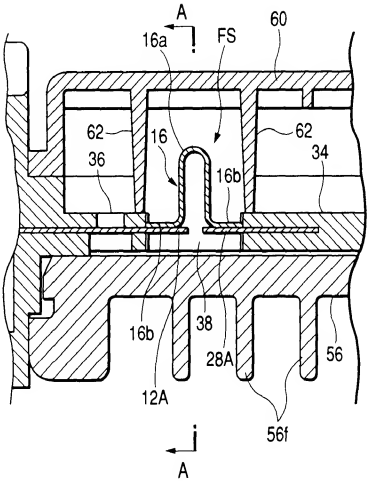


FIG. 5B

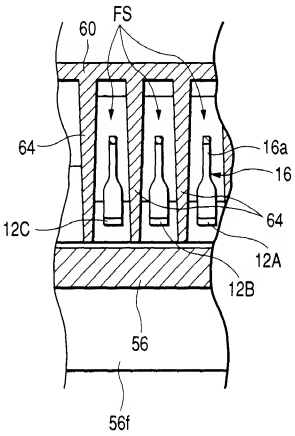


FIG. 6

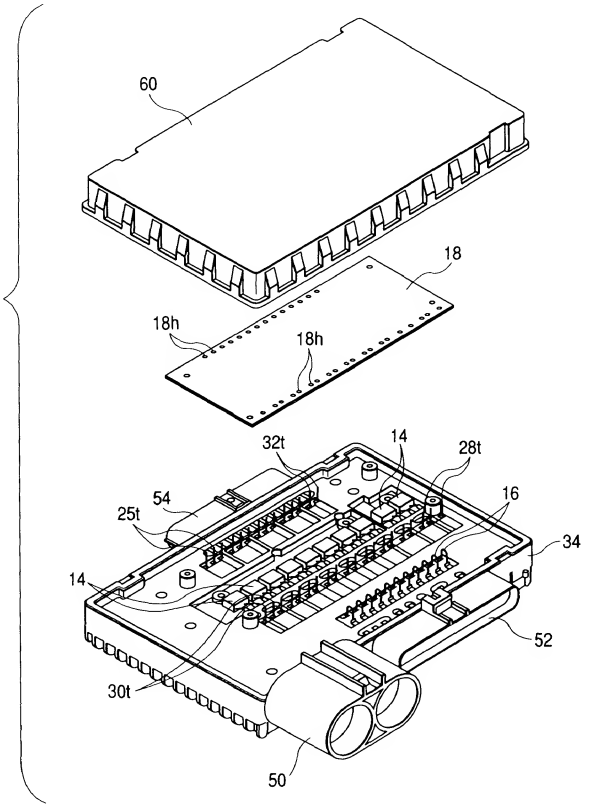


FIG. 7

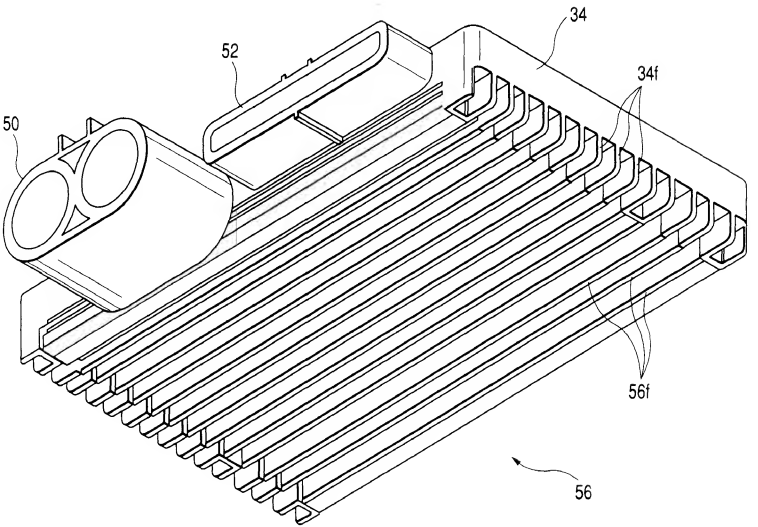


FIG. 8A

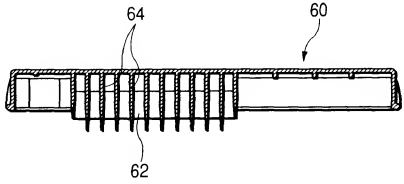


FIG. 8B

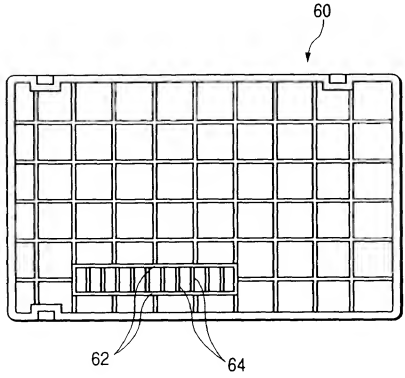


FIG. 9

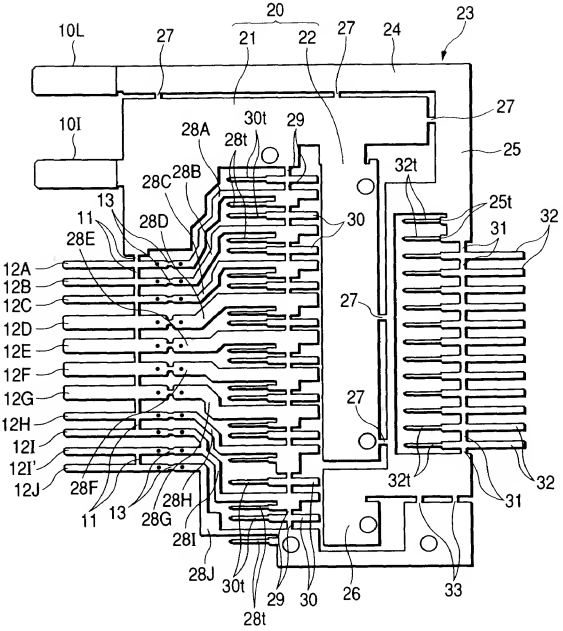

20
10L
27
21
22
27
24
23
10I
28A
30t
29
27
28t
25
28C
28B
32t
13
25t
11
28D
30
32
28E
31
12A
12B
12C
27
12D
12E
12F
12G
27
12H
12I
12I'
12J
28F
32t
32
11
13
28G
28H
31
28I
28J
30t
29
30
26
33
28t

FIG. 10

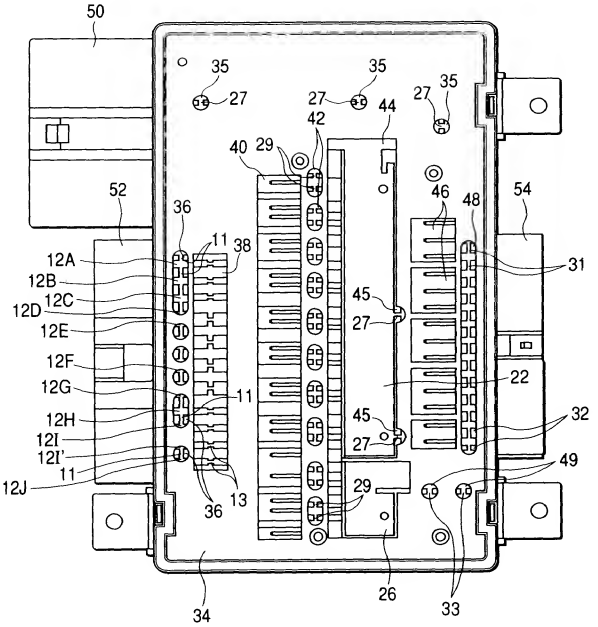

50
35
27
35
27
35
27
44
42
40
29
46
48
54
52
36
11
38
12A
12B
12C
12D
12E
12F
12G
12H
12I
12I'
11
12J
31
45
27
22
45
27
32
49
29
13
36
26
33
34

FIG. 11

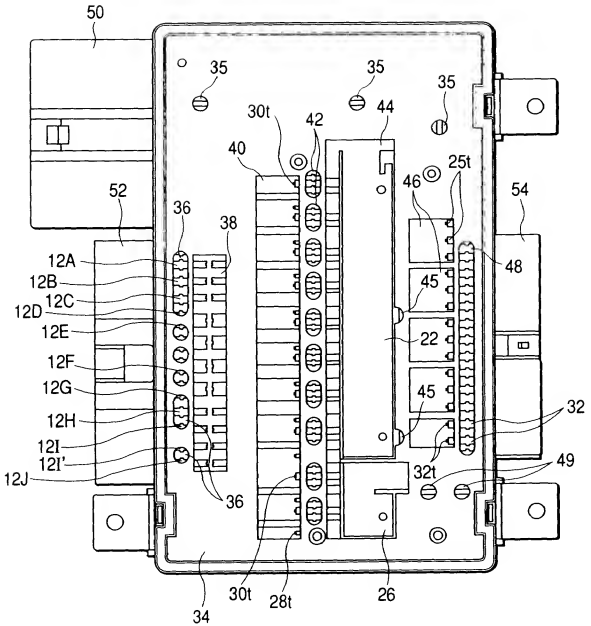

50
35
35
35
30t
42
44
40
25t
46
52
36
38
54
48
12A
12B
12C
12D
12E
12F
12G
12H
12I
12I'
12J
45
22
45
32
49
32t
36
34
30t
28t
26

FIG. 12

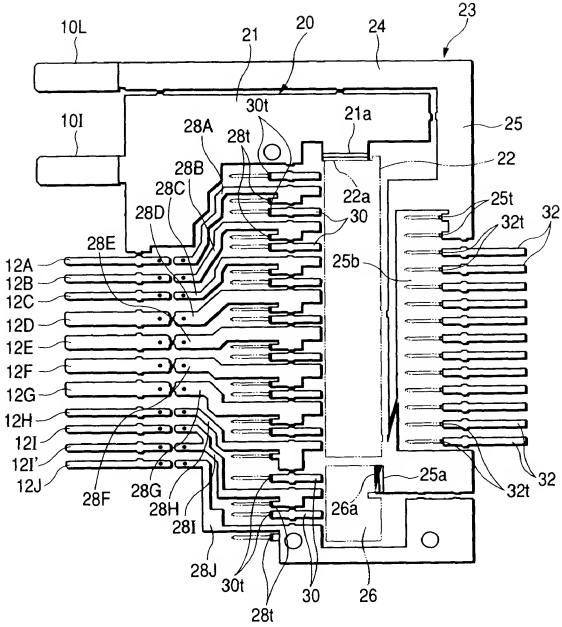

10L
21
20
24
23
10I
30t
21a
25
28A
28t
22
28B
22a
25t
28C
30
32t
32
28D
28E
25b
12A
12B
12C
12D
12E
12F
12G
12H
12I
12I'
12J
28F
28G
28H
28I
28J
30t
28t
30
26
25a
26a
32t
32

FIG. 13

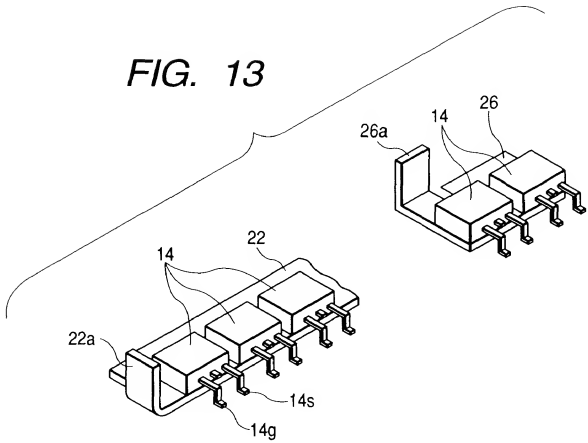


FIG. 14

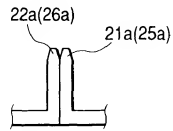
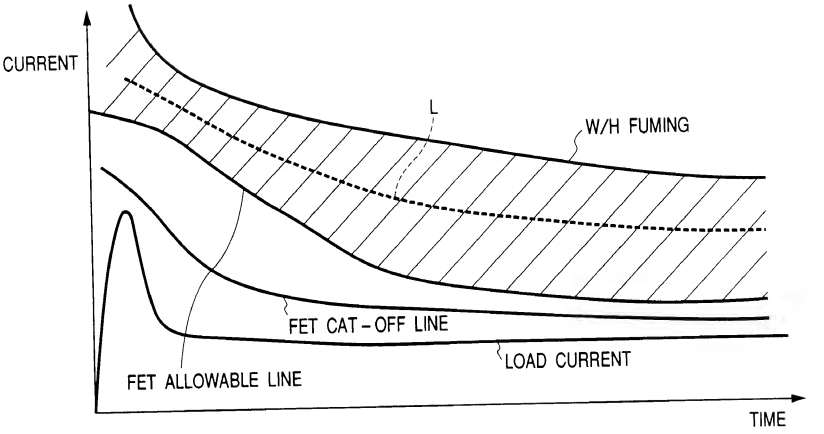


FIG. 15


CURRENT
L
W/H FUMING
FET CAT-OFF LINE
LOAD CURRENT
FET ALLOWABLE LINE
TIME